

FIG. 1

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graph TD
    20[AIR CARRIER SERVICE EVOLUTION MODEL  
(ACSEM)  
INITIALIZE SCENARIO: AIRLINES, FLIGHTS] --> 21{LAST MONTH?}
    21 -- Y --> DONE([DONE])
    21 -- N --> 22[ELIMINATE BANKRUPT AIRLINES]
    22 --> 23[CREATE NEW AIRPORTS, IF ANY]
    23 --> 24[EACH AIRLINE:  
SELL AIRPORT OFFICES,  
AIRCRAFT AS NECESSARY]
    24 --> 25[EACH AIRLINE:  
EVOLVE MARKET  
STRATEGY]
    25 --> 26[OPPORTUNITY TO ESTABLISH  
NEW AIRLINE]
    26 --> 27[EACH AIRLINE:  
DETERMINE SCHEDULED FLIGHTS]
    27 --> 28[DETERMINE PASSENGER DEMAND  
AS F (ORIG., DEST., TIME)]
    28 --> 29[LEISURE PSGRS: BUY TICKETS  
BUSINESS PSGRS: BUY TICKETS]
    29 --> 30[SIMULATE A DAY'S  
TRAFFIC]
    30 --> 21

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FIG. 1

FIG.2

AIR CARRIER SERVICE EVOLUTION MODEL  
(ACSEM)  
SIMULATE A DAY'S TRAFFIC

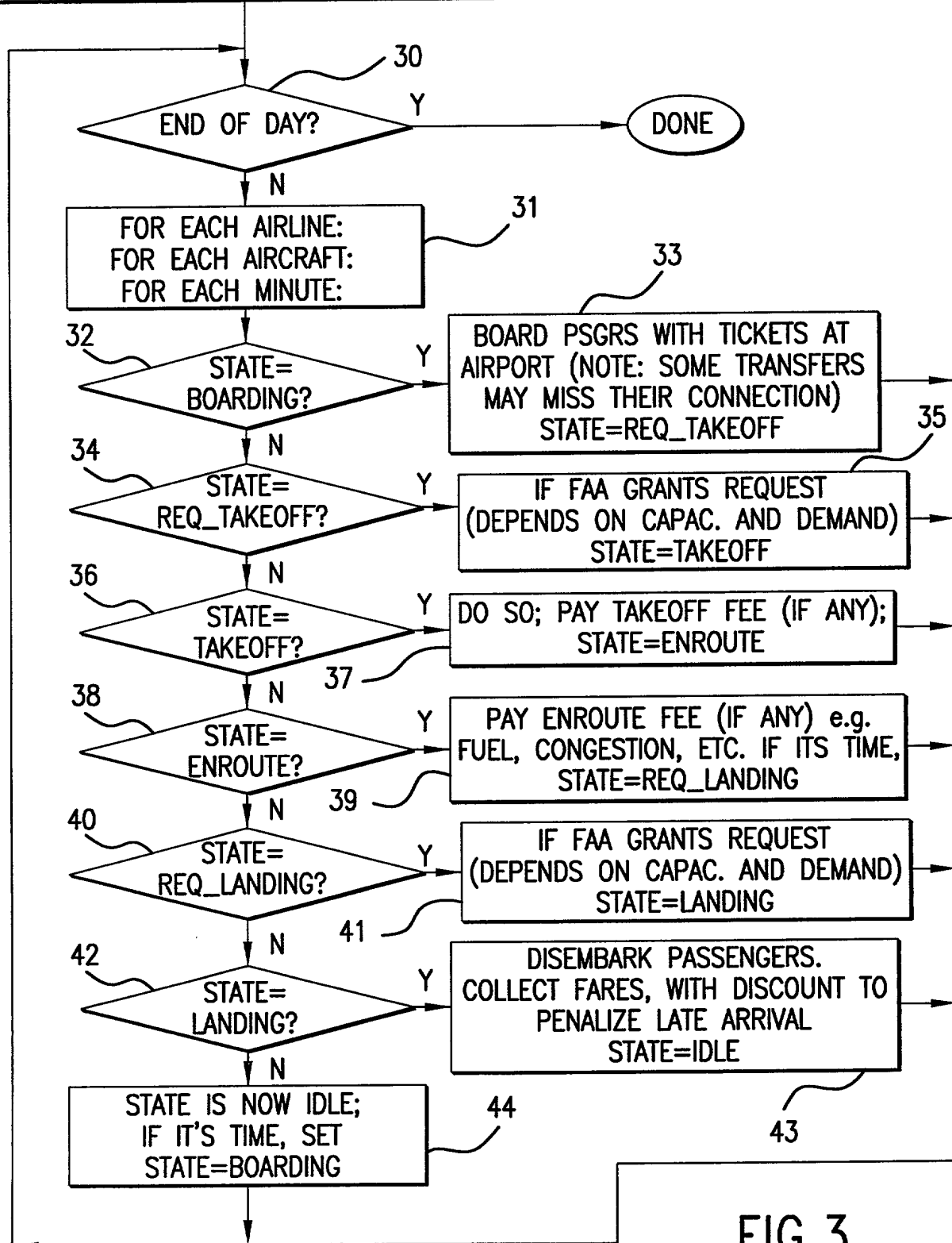


FIG.3